

**BATTERY ELECTRODES WITH ENLARGED SURFACES AND
METHOD FOR PRODUCTION THEREOF**

Abstract

According to the invention, a method for the production of battery electrodes and battery electrodes produced with this method are provided, whereby the method comprises the production of compositions of the electrode materials for cathode or anode material and, if required, a separator material, and the extrusion of the electrode material to form the anode or cathode from the electrode material, and is characterized in that the electrode material comprises isocyanate and an aqueous dispersion of a polymer binder which react with one another to form porous structures. By means of the method according to the invention, extremely elastic and, at the same time, mechanically stable battery electrodes are generated that may be utilized in lithium secondary batteries.